Author Index

Ackermann, G., see Frey, H.-P. 315
Alembik, M. C., see Wainer, I. W. 65
Alonso, R., see Herraiz, T. 325
Bartram, R. J.
——, Pinnick, W. J. and Shirey, R. E.
Evaluation of the effectiveness of various carrier gas purifiers 151
Beckhoven, J. R. C. M. van, see Van den Oetelaar, P. J. M. 441
Belikov, V. A.
——, Shatz, V. D. and Lukevics, E.
Chromatography of organometallic and organometalloidal derivatives of amino alcohols. IV. Comparison of retention behaviour in gas–liquid, thin-layer and high-performance liquid chromatography 161
Bergogne, M. C., see Pompon, A. 113
Betti, A., see Coppi, S. 135
Black, R. M.
——, Clarke, R. J. and Read, R. W.
Detection of trace levels of trichothecene mycotoxins in environmental residues and foodstuffs using gas chromatography with mass spectrometric or electron-capture detection 365
Blo, G., see Coppi, S. 135
Booth, C., see Styring, M. G. 421
Bosset, J. O., see Gmür, W. 143, 335
Branch, R. A., see Ward, S. A. 462
Burr, C. M., see Smith, R. M. 37
Cabezudo, M. D., see Herraiz, T. 325
Charman, W. N. A.
——, Farquhar, C. J., Finnin, B. C. and Reed, B. L.
Characterization of biopolymers by pyrolysis gas chromatography and multidimensional analysis. Application to synthetic melanins 389
Chmelíková, J. see Šlais, K. 179
Clarke, R. J., see Black, R. M. 365
Coppi, S.
——, Blo, G. and Betti, A.
Chromosorb 101 as a packing material for reversed-phase chromatography 135
Das, N. P., see Law, K. H. 225
Dzido, T.
—— and Soczewiński, E.
Coadsorption effects in liquid–solid systems of the type silica–heptane + dioxane. II. Correlation of retention parameters of aromatic compounds in dioxane and tetrahydrofuran systems 99
Farquhar, C. J., see Charman, W. N. A. 389
Fetzer, J. C., see Shah, P. 411
Finnin, B. C., see Charman, W. N. A. 389
Ford, M. E., see Premecz, J. E. 23
Frey, H. P.
——, Ackermann, G. und Röhl-Kuhn, B.
Zur Eignung von thermisch un hydrothermal modifiziertem Kieselgel für die Herstellung von Dünnschichten mit Konzentrierungszone 315
Gmür, W.
——, Bosset, J. O. and Plattner, E.
Beitrag zur direkten Kopplung Fluidextraktion–Kapillarfluidchromatography. I. Theoretische Optimierung einiger wichtiger apparativer Parameter 143
——, Bosset, J. O. and Plattner, E.
Beitrag zur direkten Kopplung Fluidextraktion–Kapillarfluidchromatographie. II. Afbau eines Prototyps und Anwendungsbeispiele 335
Gosselin, G., see Pompon, A. 113
Goto, J.
——, Watanabe, K. Miura, H., Nambara, T. and Iida, T.
Studies on steroids. CCXXVIII. Trace analysis of bile acids by gas chromatography–mass spectrometry with negative ion chemical ionization detection 379
Gretz, M. R., see Lenherr, A. 455
Grund, D. W., see Woolaver, A. E. 243
Hadziyev, D., see Nguyen, T. T. 189
Harris, H. F., see Huisman, T. H. J. 429
Hawthorne, S. B.
—— and Miller, D. J.
Analysis of commercial waxes using capillary supercritical fluid chromatography–mass spectrometry 397
Herraiz, M., see Herraiz, T. 325
Herraiz, T.
——, Reglero, G., Herraiz, M., Alonso, R. and Cabezudo, M. D.
Micropacked columns: a suitable alternative to very thick capillary columns 325
Höfler, F., see Möckel, H. J. 267, 275, 285
Hoenders, H. J., see Van den Oetelaar, P. J. M. 441
Hoogmartens, J., see Verstraeten, A. 201
Horii, S.
——, Yasuoka, C. and Matsumoto, M.
High-performance liquid chromatographic method for the simultaneous determination of oxolinic, nalidixic and piromidic acids in cultured fish 459

Huisman, T. H. J.
——, Kutlar, F., Kutlar, A., Wilson, J. B. and Harris, H. F.
The $^{M}\gamma$ chain of human fetal hemoglobin; its identification and occurrence 429
Hutzinger, O., see Opperhuizen, A. 51
Hyun, M. H., see Pirkle, W. H. 307
Ibrahim, R. K., see Latchinian, L. 235
Iida, T., see Goto, J. 379
Imbach, J. L., see Pompon, A. 113
Johansson, G.
—— and Kopperschläger, G.
Effects of organic solvents on the partitioning of enzymes in aqueous two-phase systems 295
Karasek, F. W., see Thompson, T. S. 351
Khouri, H. E., see Latchinian, L. 235
Klesper, E., see Schmitz, F. P. 3
Kopperschläger, G., see Johansson, G. 295
Kouřilová, D., see Šlais, K. 179
Krejči, M., see Šlais, K. 179
Kutlar, A., see Huisman, T. H. J. 429
Kutlar, F., see Huisman, T. H. J. 429
Lancaster, F. E.
—— and Lawrence, J. F.
High-performance liquid chromatographic determination of subsidiary dyes, intermediates and side reaction products in erythrosine 248
Larin, A. V.
Application of the model of the layer of equilibrium adsorption to non-ideal non-linear chromatography 81
Larsson, P. O., see Wikström, P. 123
Latchinian, L.
——, Khouri, H. E. and Ibrahim, R. K.
Fast protein affinity chromatography of two flavonoid glucosyltransferases 235
Law, K. H.
—— and Das, N. P.
Dual-wavelength absorbance ratio and spectrum scanning techniques for identification of flavonoids by high-performance liquid chromatography 225
Lawrence, J. F., see Lancaster, F. E. 248
Lenherr, A.
——, Mabry, T. J. and Gretz, M. R.
Differentiation between glucose, mannose, allose and galactose in plant glycosides by high-performance liquid chromatographic analysis 455
Lukevics, E., see Belikov, V. A. 161
Mabry, T. J., see Lenherr, A. 455
Mahler, G. S., see Pirkle, W. H. 307
Matsumoto, M., see Horri, S. 459
May, G., see Ward, S. A. 462
Melzer, H., see Möckel, H. J. 255, 267, 275, 285
Miller, D. J., see Hawthorne, S. B. 397
Mincsovics, E., see Oroszlán, P. 217
Miura, H., see Goto, J. 379
Möckel, H. J.
——, Höfler, F. and Melzer, H.
Correlation between reversed-phase retention and solute molecular surface type and area. II. Retention of low polarity non-hydrocarbonaceous surfaces 267
——, Höfler, F. and Melzer, H.
Correlation between reversed-phase retention and solute molecular surface type and area. III. The influence of polar and solvent-induced polar groups 275
——, Höfler, F. and Melzer, H.
Correlation between reversed-phase retention and solute molecular surface type and area. IV. Influence of eluent water content on the retention produced by different surface types. 285
——, Welter, G. and Melzer, H.
Correlation between reversed-phase retention and solute molecular surface type and area. I. Theoretical outlines and retention of various hydrocarbon classes 255
Murilla, G. A., see Smith, R. M. 37
Nambara, T., see Goto, J. 379
Nguyen, T. T.
——, Palcic, M. M. and Hadziyev, D.
Liquid chromatography assay for potato tuber nuclease and ribonuclease 189
Noël, D.
—— and Vangheluwe, P.
Retention behaviour and molecular structure of diols in reversed-phase liquid chromatography 75
Oetelaar, P. J. M. van den, see Van den Oetelaar, P. J. M. 441
Opperhuizen, A.
——, Sinnige, T. L., Van der Steen, J. M. D. and Hutzinger, O.
Differences between retentions of various classes of aromatic hydrocarbons in reversed-phase high-performance liquid chromatography. Implications of using retention data for characterizing hydrophobicity 51
Oroszlán, P.
——, Verzár-Petri, G., Mincsovics, E. and Székely, T.
Separation, quantitation and isolation of cannabinoids from *Cannabis sativa* L. by overpressured layer chromatography 217
Oshima, T., see Sagara, K. 448
Palcic, M. M., see Nguyen, T. T. 189
Pinnick, W. J., see Bartram, R. J. 151
Pirkle, W. H.

——, Mahler, G. S., Pochapsky, T. C. and Hyun, M. H.
Direct chromatographic separation of enantiomeric diol derivatives 307
Plattner, E., see Gmür, W. 143, 335
Pochapsky, T. C., see Pirkle, W. H. 307
Pompon, A.
——, Gosselin, G., Bergogne, M. C., and Imbach, J.-L.
Reversed-phase high-performance liquid chromatography of nucleoside analogues. Simultaneous analysis of anomeric D-xylo- and D-lyxofuranonucleosides and some other D-pentofuranonucleosides 113
Premecz, J. E.
—— and Ford, M. E.
Gas chromatographic separation of substituted pyridines 23
Price, C., see Styring, M. G. 421
Read, R. W., see Black, R. M. 365
Reed, B. L., see Charman, W. N. A. 389
Reglero, G., see Herraiz, T. 325
Röhl-Kuhn, B., see Frey, H. P. 315
Roets, E., see Verstraeten, A. 201
Rogers, L. B., see Shah, P. 411
Sagara, K.
——, Oshima, T., Sakamoto, S. and Yoshida, T.
Determination of coumarins in *Cnidium monnieri fructus* by high-performance liquid chromatography 448
Sakamoto, S., see Sagara, K. 448
Schmitz, F. P.
—— and Klesper, E.
Review. Gradient elution in supercritical fluid chromatography 3
Shah, P.
——, Rogers, L. B. and Fetzer, J. C.
Differences in carbon 13 nuclear magnetic resonance spectra for monomeric and polymeric octadecyl derivatized silica column packings for liquid chromatography 441
Shatz, V. D., see Belikov, V. A. 161
Shirey, R. E., see Batram, R. J. 151
Sinnige, T. L., see Opperhuizen, A. 51
Šlais, K.
——, Krejči, M., Chmelíková, J. and Kouřilová, D.
Trace analysis using a competing modifier added to the sample for retention and focusing control in microbore column high-performance liquid chromatography 179
Smith, E., see Wainer, I. W. 65
Smith, R. M.
——, Murilla, G. A. and Burr, C. M.
Alkyl aryl ketones as a retention index scale with acetonitrile or tetrahydrofuran containing eluents in reversed-phase high-performance liquid chromatography 37
Soczewiński, E.
Coadsorption effects in liquid–solid systems of the type silica–heptane + dioxane. I. Theoretical considerations 91
——, see Dzido, T. 99
Steen, J. M. D. van der, see Opperhuizen, A. 51
Styring, M. G.
——, Teo, H. H., Price, C. and Booth, C.
Aqueous size-exclusion chromatography of micelles of poly(oxyethylene) methyl-*n*-alkyl ethers 421
Synovec, R. E.
—— and Yeung, E. S.
Effect of ultrasonic agitation in high-performance size-exclusion chromatography 105
Székely, T., see Oroszlán, P. 217
Teo, H. H., see Styring, M. G. 421
Thompson, T. S.
—— and Karasek, F. W.
Identification of trace organic contaminants in inorganic water treatment chemicals by gas chromatography–mass spectrometry 351
Van Beckhoven, J. R. C. M., see Van den Oetelaar, P. J. M. 441
Van den Oetelaar, P. J. M.
——, Van Beckhoven, J. R. C. M. and Hoenders, H. J.
Analysis of aspartic acid racemization. Evaluation of a chiral capillary gas chromatographic and a diastereomeric high-performance liquid chromatographic method 441
Van der Steen, J. M. D., see Opperhuizen, A. 51
Vangheluwe, P., see Noël, D. 75
Verstraeten, A.
——, Roets, E. and Hoogmartens, J.
Quantitative determination by high-performance liquid chromatography of acetylsalicylic acid and related substances in tablets 201
Verzár-Petri, G., see Oroszlán, P. 217
Wainer, I. W.
——, Alembik, M. C. and Smith, E.
Resolution of enantiomeric amides on a cellulose tribenzoate chiral stationary phase. Mobile phase modifier effects on retention and stereoselectivity 65
Ward, S. A.
——, May, G. and Branch, R. A.
Quantitative determination of carbaryl and carbaryl metabolites by reversed-phase high-performance liquid chromatography 462
Watanabe, K., see Goto, J. 379

Welter, G., see Möckel, H. J. 255
Wikström, P.
—— and Larsson, P. O.
Affinity fibre – a new support for rapid enzyme purification by high-performance liquid affinity chromatography 123
Wilson, J. B., see Huisman, T. H. J. 429
Woolaver, A. E.
—— and Grund, D. W.
Sample preparation: an alternative to flash evaporation for the concentration of extracts 243
Yasuoka, C., see Horii, S. 459
Yeung, E. S., see Synovec, R. E. 105
Yoshida, T., see Sagara, K. 448